

L Number	Hits	Search Text	DB	Time stamp
1	139	bellows and diaper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:33
2	25583	bellows and valve	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:10
3	1148	diaper and valve	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:10
4	478	diaper and (air same valve)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:25
5	8	dryness adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:25
6	17	pump same valve same diaper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:35
7	4	bellows same valve same diaper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:35
8	110	air same circulat\$ same diaper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:46
9	2437	seitz.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:46
10	8	seitz-bret-darren.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:50
11	1		USPAT	2003/05/20 16:47
12	1		USPAT	2003/05/20 16:48
13	1		USPAT	2003/05/20 16:48
14	1		USPAT	2003/05/20 16:48
15	1		USPAT	2003/05/20 16:48
16	50	diaper and (air adj exchange)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/20 16:51

DERWENT-ACC-NO: 1998-044124

DERWENT-WEEK: 200325

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TITLE: Disposable absorbent article - has
odour control system, and absorbent core positioned
intermediate liquid pervious top-sheet and breathable
back-sheet

INVENTOR: BEWICK-SONNTAG, C P; CARLUCCI, G ; CINTIO, A D ;
CIMINI, C ; DI
CINTIO, A ; DE CINTIO, A ; CINTIO, A

PATENT-ASSIGNEE: PROCTER & GAMBLE CO[PROC] ,
BEWICK-SONNTAG C P[BEWII],
CARLUCCI G[CARLI], CINTIO A D[CINTI]

PRIORITY-DATA: 1996EP-0830343 (June 17, 1996) ,
1997TW-0118460 (December 8,
1997) , 1998JP-0503102 (June 17, 1997)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
HU 221906 B1		February 28, 2003	N/A
000	A61F 013/15		
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048	A61F 000/00		
NO 9805855 A		February 15, 1999	N/A

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TW 355682 A	April 11, 1999	N/A
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BR 9709820 A	August 10, 1999	N/A
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BR 9709826 A	August 10, 1999	N/A
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CZ 9804089 A3	December 15, 1999	N/A
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CA 2258527 C	February 11, 2003	E
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DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI LU
 NL PT SE AL AM AT AU
 AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
 IL IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK
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 SD SE SG SI SK SL
 TJ TM TR TT UA UG US UZ VN YU EA GH KE LS MW OA SD SZ UG ZW

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PUB-NO	APPL-DESCRIPTOR	APPL-NO
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1996EP-0112404	August 1, 1996	
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AU 9734928A	N/A	
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ZA 9705342A	N/A	
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CZ 9804092A3	N/A	
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CZ 287504B6	Previous Publ.	CZ 9804092
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AU 733777B	Based on	WO 9748362
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INT-CL (IPC): A61F000/00, A61F005/441 , A61F013/15 ,
A61F013/20 ,
A61F013/472 , A61F013/49 , A61F013/514 , A61L015/42

RELATED-ACC-NO: 1998-044125

ABSTRACTED-PUB-NO: EP 813848A

BASIC-ABSTRACT:

The disposable absorbent article comprises a liquid pervious topsheet, an absorbent core, a breathable back-sheet, and an odour control system. The absorbent core is positioned intermediate the topsheet and the back-sheet. The topsheet, core and back-sheet each comprises at least one layer. The topsheet has a liquid retention of less than 0.22g for a 2.0g load in the topsheet liquid retention test.

The core has a caliper of less than 12mm and has a vapour permeability of at least 200g/m²/24hrs as defined in the vapour permeability test. The breathable back-sheet has a liquid permeability of less than 0.3g at a 7ml load as defined in the liquid permeability test. The elements are joined such that the absorbent article has a dryness index of greater than 0.5 and a sensory index of greater than 50.

ADVANTAGE - Is breathable and provides the desired level of protection.
Reduces and perfectly prevents the detection of odorous compounds emanating from it in use.

ABSTRACTED-PUB-NO: US 6417424B

EQUIVALENT-ABSTRACTS:

The disposable absorbent article comprises a liquid

pervious topsheet, an absorbent core, a breathable back-sheet, and an odour control system. The absorbent core is positioned intermediate the topsheet and the back-sheet. The topsheet, core and back-sheet each comprises at least one layer. The topsheet has a liquid retention of less than 0.22g for a 2.0g load in the topsheet liquid retention test.

The core has a caliper of less than 12mm and has a vapour permeability of at least 200g/m²/24hrs as defined in the vapour permeability test. The breathable back-sheet has a liquid permeability of less than 0.3g at a 7ml load as defined in the liquid permeability test. The elements are joined such that the absorbent article has a dryness index of greater than 0.5 and a sensory index of greater than 50.

ADVANTAGE - Is breathable and provides the desired level of protection. Reduces and perfectly prevents the detection of odorous compounds emanating from it in use.

US20020128624A

The disposable absorbent article comprises a liquid pervious topsheet, an absorbent core, a breathable back-sheet, and an odour control system. The absorbent core is positioned intermediate the topsheet and the back-sheet. The topsheet, core and back-sheet each comprises at least one layer. The topsheet has a liquid retention of less than 0.22g for a 2.0g load in the topsheet liquid retention test.

The core has a caliper of less than 12mm and has a vapour permeability of at least 200g/m²/24hrs as defined in the vapour permeability test. The breathable back-sheet has a liquid permeability of less than 0.3g at a

7ml load as defined
in the liquid permeability test. The elements are joined
such that the
absorbent article has a dryness index of greater than 0.5
and a sensory index
of greater than 50.

ADVANTAGE - Is breathable and provides the desired level of
protection.

Reduces and perfectly prevents the detection of odorous
compounds emanating
from it in use.

CHOSEN-DRAWING: Dwg.0

DERWENT-CLASS: P32 P34